

Amendments to the Title

The title has been amended to read as follows:

--IMAGE PROCESSING APPARATUS FOR COLOR SPACE CONVERSION AND  
COMPRESSION OF IMAGE DATA, AND CONTROL METHOD THEREOF--.

## Amendments to the Specification

The paragraph starting at page 9, line 6 and ending at line 14 has been deleted.

Q1 --Fig. 2 is a plan view showing the console 106 of the image forming apparatus. In Fig. 2, reference numeral 201 denotes a ~~ten-key~~ twelve-key pad having ten numeral keys used for input of a telephone number in a call or various settings; 202, a display which displays the state information and operation state of the apparatus, and is constituted by a liquid crystal display; 203, one-touch keys used for a call by a telephone number or various settings; and 204, a start key for starting copying, communication, scanning, and the like.--

The paragraph starting at page 12, line 22, and ending at page 13, line 11 has been amended as follows.

Q2 --~~If the start key is determined not to be pressed, whether~~ Whether a destination has been input with a key such as the ~~ten-key~~ twelve-key pad 201, one-touch key 203, redial key 209, or abbreviation dial key 210 is checked (step S504). If YES in step S504, the flow jumps to processing (Fig. 6) of FAX-transmitting by the communication controller 116 an image read by the sheet scanner 112. Whether the copy key 212 has been pressed is checked (step S505). If YES in step S505, the flow jumps to processing (Fig. 7) of printing by the printer 115 an image read by the sheet scanner 112. If NO in step S505, whether the start key 204 has been pressed is checked (step S506). If NO

Or  
in step S505 and YES in step S506, the flow jumps to the PC-SCAN mode, i.e., processing (Fig. 8) of transferring an image read by the image forming apparatus to the host computer 118. If NO in step S506, the processing ends.--

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The paragraph starting at page 28, line 3, and ending at line 7 has been amended as follows.

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Q3  
--The line buffer area (linebuf\_area\_size: the size of the line buffer area) is divided by an optimal line buffer size which can be effectively used, and the number of line buffers (linebuf\_num) is obtained (step ~~S1007~~ S1107). Then, the flow shifts to processing shown in Fig. 17.--

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The paragraph starting at page 39, line 17, and ending at page 40, line 4 has been amended as follows.

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Q4  
--Then, an image is compressed in accordance with the designated compression mode. For JPEG, the color space is transformed in accordance with the designated color space representation format, and the image is compressed (step S1708). If the image is not compressed, the flow skips this processing. After the image is compressed, the image data is accumulated in the RAM 103 (step S1709). For direct copying, the flow skips accumulation in the RAM 103. For FAX transmission (step S1710), the accumulated image is transmitted in accordance with ITU-T T.30 (step S1711). For copying (step S1712), the image is printed (step S1713). For PC scanning (step

04 S1713'), the read image is transferred to the PC (step S1714). Otherwise, corresponding processing is done (step S1715), and the flow ends.--

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